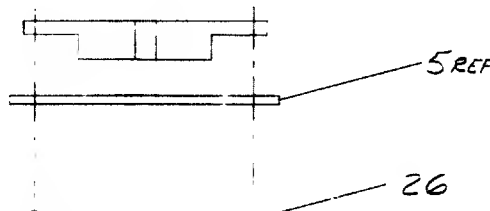


MR11-DB
bulk storage
bootstrap loader
engineering drawings

1. FOR DIODE LOCATIONS SEE
ETCH BOARD OVERLAY.

2. ON ITEM #19, ALL CHIPS MUST BE
EITHER DEC 380'S OR IT'S SUBSTITUTE,
11360'S I.C.'S. COMBINATIONS
ARE NOT ALLOWED ON
THE SAME OPTION.



6		SPLIT LUGS	9004735	26
8		EYELET *GS4-7 E.B. STIMPSON	9004732	25
165	SEE NOTE #1	DIODE D664	1100114	24
1	E13	I.C. DEC 8242	1909712	23
5	E1, E2, E5, E7, E11	I.C. DEC 8881	1909705	22
1	E9	I.C. DEC 814	1909704	21
5	F18-E22	I.C. DEC 8251	1909594	20
9	E2, E4, E6, E8, E12, E12 E14-E16	I.C. DEC 832	1909594 *	19
1	E17	I.C. DEC 742211	1905575	18
1	Q1	TRANSISTOR DEC 3009B	1502100	17
2	Q2, Q3	TRANSISTOR 2N3639B	1502762	16
16	R1-R16	RES. 8.2K 1/4W 5%	1303179	15
1	R24	RES. 1.5K 1/4W 5%	1300391	14
5	R17-R19, R21, R22	RES. 1K 1/4W 5%	1300365	13
1	R25	RES. 2K 1/4W 5%	1302388	12
4	R20, R23, R27, R28	RES. 100Ω 1/4W 5%	1300229	11
1	R26	RES. 47Ω 1/4W 5%	1300202	10
3	C26-C28	CAP. 6.8μF 35V 10%	1005306	9
23	C1-C25	CAP. 0.1μF 100V 20% DISC	1001610	8
1	C24	CAP. 560μF 100V 5% DM	1000025	7
1	C25	CAP. 220μF 100V 5% DM	1000021	6
1		ETCHED CIRCUIT BOARD	5008917	5
REF		MODULE ECO HISTORY	B-MH-M792-YL-4	4
REF		ASSY/DRILLING HOLE LAYOUT	B-MH-M792-YL-5	3
REF		X-Y COORDINATE HOLE LOCATION	KIC-M792-YL-4	2
4		WASLE FLIP CHIP-MAGENTA	9009227	1
QTY	REF DESIGNATION	DESCRIPTION	PART NO	ITEM NO

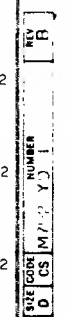
ETCH BOARD REV										E											PARTS LIST																																	
											DRN. <i>LX-1 E</i>											DATE <i>5-12-72</i>																																
											CHK'D. <i>[Signature]</i>											DATE <i>[Blank]</i>																																
											ENG. <i>[Signature]</i>											DATE <i>[Blank]</i>																																
											PROJ. ENG. <i>[Signature]</i>											DATE <i>[Blank]</i>																																
											PROD. <i>[Signature]</i>											DATE <i>[Blank]</i>																																
											APPR. <i>[Signature]</i>											DATE <i>12-9-72</i>																																
											NEXT HIGHER ASSY											TITLE																																
											B-DD-MRII-DE											REV. <i>STON</i>																																
																						MATERIAL																																
DEC NO.											EIA NO.											SIZE CODE											NUMBER											REV.										
																						000											M792-01											3										
CONVERSION CHART																																																						
SCALE											OF											DIST																																
SHEET																																																						

CHK	CHANGE NO	REV
	0312170001	*
	M792-YD-00001	A
	63 Nov 66	7-27-72
	A-MELENIUS	
	<i>Alvin Karpis</i>	
	M792-YD-00002	B
	K.P. #46	6/20/77
	D. BLISSON	6/20/73
	D. Karpis	6/20/73


A	6251	B	16
	319	/	B
	380	/	B
	IC TYPE	GND	+ 5V
	GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY EXCEPTIONS ARE STATED ABOVE		
	IC PIN LOCATIONS		

* SEE ALLOWABLE SUBSTITUTION LIST

8 CA 332W SO D
AIN NUMBER 3006 1715



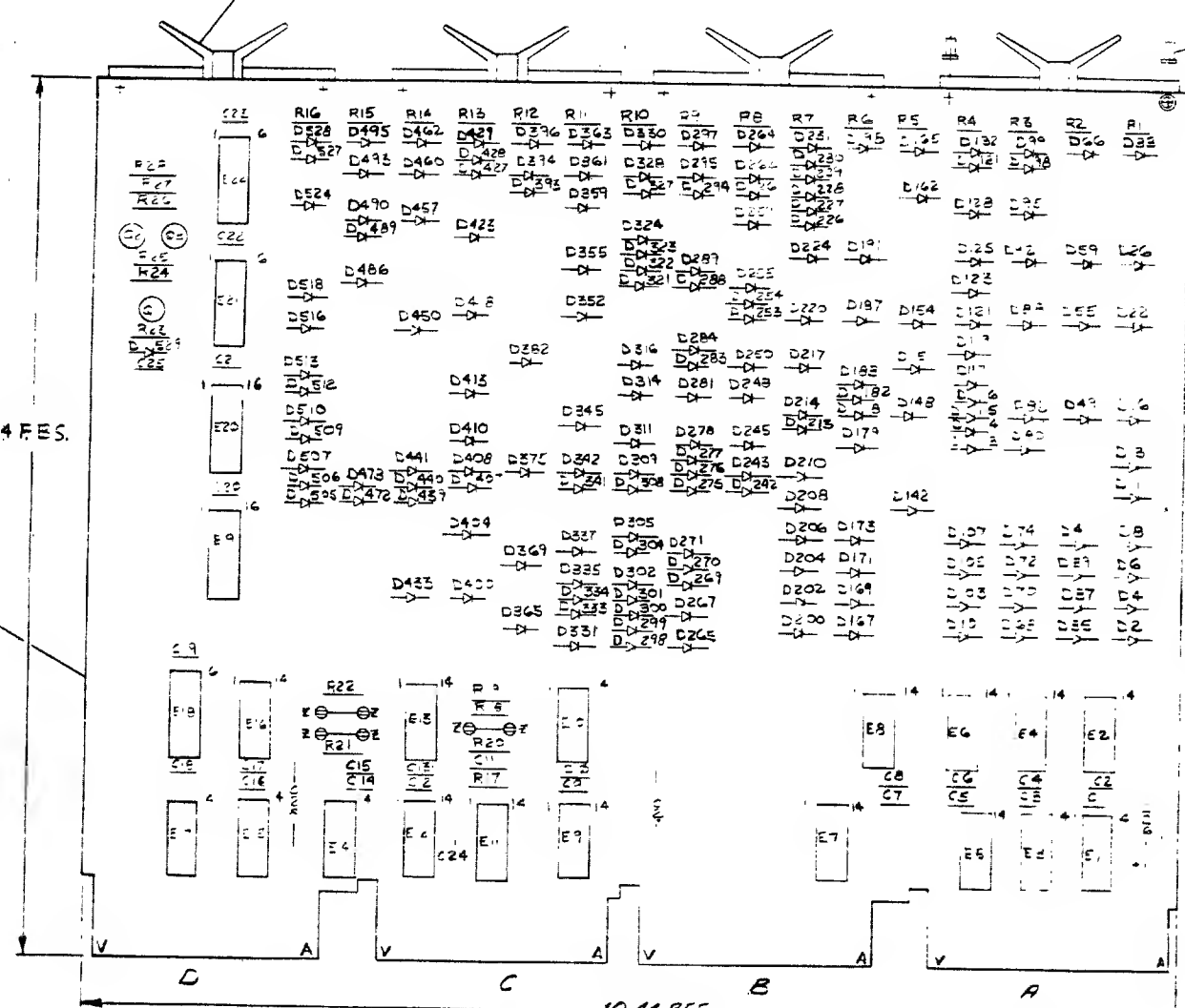
REVISIONS		
CHG	NO	REV

DATE 5-8-72	TRANSISTOR & DIODE CONVERSION CHART				 DIGITAL EQUIPMENT CORPORATION <small>800 TAYLOR, MASSACHUSETTS</small>	TITLE ROM DIODE MATRIX			
DESIGNER <i>[Signature]</i>	DEC	EIA				SIZE D	CODE CS	NUMBER M792-YD-1	REV B
DATE 5-8-72	1044	1N3606							
DATE 5-8-72	DEC3009B	2N3009							
DATE 5-8-72	2N3638B	NONE			PRINTED CIRCUIT REV				

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NOTES:

1. FOR DIODE LOCATIONS SEE
ETCH BOARD OVERLAY.
2. ON ITEM #20 ALL 9 CHIPS MUST BE
EITHER DEC 380'S OR ITS SUBSTITUTE,
11380 I.C.'S. COMBINATIONS ARE NOT
ALLOWED ON THE SAME OPTION.

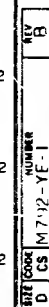


1		2		1	
FLOWER SUBSTITUTION LIST					
ORIG PART #		SUBSTITUTION PART #		TEMP #	
		DESCRIPTION		PART #	
203485		IC 350 SEE NOTE 2		3113	

6		SPLIT LUGS	701.785	26
8		EYELET *554-7 EP STEINSON	7006752	25
1	E12	I.C. DEC 8298	1931718	24
5	E15, E5, E7, E11	I.C. DEC 8201	1939705	23
1	E9	I.C. DEC 314	1939704	22
5	E18-E22	I.C. DEC 8251	1931594	21
9	E2, E4, E6, E8, E10, E12, E14-E16	I.C. DEC 380	1939445	20
1	E17	I.C. DEC 7400N	1905575	19
1	Q1	TRANSISTOR DEC 3009B	1572100	18
2	Q2, Q3	TRANSISTOR 2N3639B	1508762	17
16	R1-R16	RES. 5.2K 1/4W 5%	1303179	16
1	R24	RES. 1.5K 1/4W 5%	1300391	15
5	R17-R19, R21, R22	RES. 1K 1/4W 5%	1300365	14
1	R25	RES. 2K 1/4W 5%	1302394	13
4	R20, R23, R27, R28	RES. 100Ω 1/4W 5%	1300229	12
1	R26	RES. 47Ω 1/4W 5%	1300202	11
18	SEE NOTE #1	DIODE D664	1100114	10
3	C26-C28	CAP. 6.8μF 35V 10% TANT	1205206	9
23	C1-C23	CAP. .01μF 100V 20%	1001610	8
1	C24	CAP. 560μF 100V 5% EM	1005025	7
1	C25	CAP. 220μF 100V 5% EM	1005021	6
1		ETCHED CIRCUIT BOARD	5004917	5
REF		MODULE ECO HISTORY	B-M-N-1772-1E-4	4
REF		ASSY/DRILLING HOLE LAYOUT	D-A-N-1192-1E-5	3
REF		X-Y COORDINATE HOLE LOCATION	K-C-O-1770-1E-0	2
4		HANDLE, FLUOROCARBON MAGENTA	701-337-06	1

A	DEC P2E	B	K6
	DEC G1A	I	B
	DEC 38C	I	B
	IC TYPE	GND	+5V
	GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY EXCEPTIONS ARE STATED ABOVE		
	IC PIN LOCATIONS		

11/45		ETCH BOARD REV		E																	
K 222 0 622723		B. FITZGERALD		I.D. 446		44/28		B		M792-YE-00002		A		REV							
JAN 1972		JAN 1972		JAN 1972		JAN 1972		JAN 1972		JAN 1972		JAN 1972		JAN 1972		JAN 1972		JAN 1972		JAN 1972	
M792-YE-00001		ORIGINAL		A		REV															
2N3639B		SAME																			
DEC 3009B		2N 3646																			
D664		1N3606																			
DEC NO.		EIA NO.		DEC NO.		EIA NO.															
SEMICONDUCTOR CONVERSION CHART																					
DRN		DATE		CHK'D		DATE		ENG		DATE		PROJ. ENG		DATE		PROD.		DATE		NEXT HIGHER ASSY	
2K 100T		4/17/72						F. J. JONES				F. J. JONES				J. J. JONES				B-33-MR11-08	
SCALE		SHEET		OF		2		SIZE		CODE		NUMBER		REV.							
DIGITAL EQUIPMENT CORPORATION		TITLE		BOM		100T		100T													



UNLESS OTHERWISE INDICATED:
 2 SPLIT LUGS, ---- = JUMPERS
 CAPACITORS ARE .01uF, 100V, 20%
 RESISTORS ARE 8.2K, 1/4W, 5%
 DIDDIES ARE D664

E2, E4, E6, E8, E10, E12, E14, E15, E16 = DEC380
 E17 = DEC7400N
 E1, E3, E5, E7, E11 = DEC8881
 E13 = DEC8242
 E9 = DEC314
 E18 = E22 = DEC8251

PIN 8 = +5V
 PIN 1 = GND ON DEC380, DEC314

PIN 14 = +5V
 PIN 7 = GND ON DEC8881, DEC8242, DEC7400N

PIN 16 = +5V
 PIN 8 = GND ON DEC8251

E19-22 PINS 6 AND 7 NOT CONNECTED
 E18 PINS 4, 5, 6, 7, 9 NOT CONNECTED
 W1, W2, W3 DESIGNATES WIRE JUMPERS

CDN	DATE
W. S. H. T.	5-8-7
W. S. H. T.	DATE
W. S. H. T.	5/23/
W. S. H. T.	DATE
W. S. H. T.	5-25-7
W. S. H. T.	DATE
W. S. H. T.	5/25/

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EMA	DEC	FMA
DB44	1N3806		
DEC3009B	2N3009		
2X343B	NONE		

EQUIPMENT CORPORATION
BOSTON, MASSACHUSETTS

TITLE ROM DIODE MATRIX									
DATE	CODE	NUMBER					REV		
0	CS	M792-YE-1					E		
PRINTED CIRCUIT REV					R	C	D	E	